1:Ingrams G-5 (1934 35)1936 MM2 Hadhramaut MM2

631
619
101

Āl Jabir.

Clan.	Section.	Places.	Nos.	'Aqil.
Āl Hāj or Āl Sāh.	Āl 'Amr	As Seiqa	180	Mubarek bin Muhammad, Sa'id bin Salih Qahtan, and Yamāni bin 'Umar.
	Āl Yamāni	Rasib	350	
	Āl Ahmed al Hāj	Sakrān	120	
	Bakgheirān	do.	20	
	Bin 'Abūdān	'Adam	20	
	Bin 'Umar bin Sālim.	Bāyūt	10	
Āl 'Ans	Āl Ridhwān	Husn bin Dhobia	35	Salih 'Umar.
	Āl 'Umeish	do.	35	
	Bin Hijār	An Ni'r	6	
	Bin Sultan and Bin Sa'dat.	Adh Dhiriqa and An Ni'r.	30	
Āl Hasan	Bin Bedr	Wadi Bin 'Ali	100	Salim bin 'Ali bin Bedr.
	Bin Sa'id bin 'Amr	do.	100	
	Bin Mar'i bin 'Amr	do.	50	
	Bin Jābir bin 'Amr	do.	50	
	Ballaqra'	do.	30	
	Bin 'Abūdān Bin Ja'fer bin 'Amr	do.	25	
Āl 'Ali bin 'Umar.	Bin 'Ali bin 'Umar	Sāh, Gheil bin Yomein.	50	
	Āl Mutelhim	Hikma	15	
	Al 'Afār	Wadi Shahūh	50	
			1,256	

[731
167]

The Jābiris in the Wadi Bin 'Ali are mostly agriculturists. They obtain their supplies from Shihr. Some members of the tribe have connections in Java and Singapore, but the tribe as a whole is very poor, and owing to famine and distress many of the members, men and women, have emigrated to the African coast in search of a livelihood. The total number of the tribe has been variously estimated from 800 to over 1,000.

The sections of the Āl Hāj clan have been stated to be sections of the Āl Sāh clan which was referred to in Chapter XX. With the exception of a very few of the Āl Yamāni section who are nomads, the whole clan are settled. The Āl 'Ali bin 'Umar clan are entirely nomadic and ply their camels for hire. Seiyid Al Hasm Ahmed bin 'Aidarus has influence over the Jābir.

Besides the Kathīri and Jābiri settlements in Wadi Bin 'Ali there are a few houses of independent tribes called Āl Seif and Beni Sa'd, who do not consider themselves as in any way allied or subordinate to the Kathīri Sultans of Seiyun.

Al Bajri.

Clan.	Places.	Nos.	'Aqil.
Āl Qaseiyer	'Ardh Bīr	100	Sa'id bin Qutāmi and Salih bin Muhammad.
Āl Ahmed bin 'Ali Bin 'Awadh bin 'Abūd Bin Rattas	do.	70	
		170	

2:Ingrams G-5 (1934-35)1945 MM2 Hadhramaut MM2

Hurricane fighter and a mobile canteen for blitzed areas in England. The women of Mukalla have made bandages for the Red Cross in Egypt regularly since 1942.

That is a brief comparison between the Qu'aiti State in 1936 and in 1944: and progress has been made in other ways too. In case the picture seems too favourable, it should be remembered that the famine, due to the loss of over £600,000 a year in remittances from Singapore and Java, seven years' drought, the difficulty of getting food and its high price, the loss of 50 per cent of the working camels, and the difficulties of shipping, has had a very grave effect on the country, but has on the whole hit the interior rather than the coast. His Majesty's Government came to the rescue by voting over £300,000 for famine relief, and by providing air transport for grain, but in dealing with the progress of the Qu'aiti State it is right to record that the Government and the merchants have done their best, and the 1944 estimates included about three l dhs of rupees for famine relief, both by direct grants and by the provision of public works. A voluntary cess by merchants on their imports, the contribution by Government servants of 1 per cent of their salaries, and other charitable efforts raised a fair amount more; and soup kitchens, infirmaries and so on were provided at the coast for refugees from the interior.

Nature of the People and Country

Before describing the methods used in building up the Qu'aiti administration, something must be said about the nature of the people and their country to explain why unusual methods were required. The Hadhramaut is in many ways different from the rest of Arabia, from which it is for the most part separated by desert on all sides, but since it has a seaboard its people have always been able to find a living across the sea. They have had to do this because most of the 70,000 odd square miles of the country is irreclaimable desert and it is unlikely that it could ever support more than a quarter of the population. In other lands they have come to know Western rule but for the most part it has had few attractions for them. They generally find the trammels of an ordered life irksome, and throw them aside as happily as they drop their tarbushes and tussore suits for a waist-cloth and indigo when they come back.

The nature of the country provides an explanation of the nature of the people. The vast and barren areas of mountain and jol have bred in the bedouin a deep sense of freedom and an unwillingness to yield it to anyone, for it is all he possesses. In the deep valleys of the hinterland the horizon is bounded by walls a thousand feet high and this has bred in the people an exclusiveness which it would be hard to find elsewhere. In the towns and villages of these valleys a most particular form of religion has grown up. There is none of the free brotherhood of Islam, but a system of classes of seiyids, of settled tribesmen with few of the virtues of the desert bedouin, of money-lending immigrant Yafa'i tribesmen from the west, of descendants of African slaves, of merchant townsmen, and of hard working

2:Ingrams G-5 (1934-35)1945 MM2 Hadhramaut MM2

the first two or three years. It has its headquarters at Mukalla and posts in most of the more important bedouin areas. Service in it is now very popular and almost all tribes are represented. Its members are trained not only as soldiers but also as settlers of disputes by pacific means. The force runs, with Mukalla Government assistance, a small military hospital which is the first hospital to have been established in the Hadhramaut and serves all the forces. To promote bedouin education and bedouin agriculture and to control locusts, it has enlisted teachers and agricultural soldiers, and they are almost all young seiyids of good family who hitherto had thought it quite unheard of to do any work. They were enlisted as ordinary soldiers and went through some military training without arms but had to do all the ordinary fatigues such as digging and road making. The teachers were given a teachers' training course and they now operate an admirable boarding school for a hundred bedouin boys; district schools have also been started at some of the outposts. The teachers have dispensary courses at Aden so that in an elementary way medical assistance and education are now available in bedouin districts. At some of these places the teachers also run grain shops for famine relief, where Government grain is sold at cost price to bedouins.

A good start had also been made with a bedouin girls' boarding school. A few bedouin women are already proving successful as nursing assistants and I hope that some of these girls will afterwards become nurses and teachers.

So much for the Residency organization. The object has been to help the State to become effective in its government and to make the best use it can of its resources. I have always tried to look at things from the point of view of the State only, in the way that the treaty, as explained in the Note, required. But in view of the exclusive nature of the people I have in addition always worked as if I were one of them. I have, at their request, worn their clothes: as it is illegal to possess alcohol in the Hadhramaut, my house has always been "dry" and we have, outside the privacy of our own quarters, always lived as the country lives. I am sure that it is because of working and living as a part of the people that we have been able to do as much as we have. What I have done on my own initiative has not been questioned because it has not been felt that it was done by a foreigner or for a foreign Government.

As a Christian I had at first difficulty in finding acceptance by a community which feels it almost impossible to understand even the existence of Christian Arabs. In various parts of the country the objection was always brought up that the signing of treaties providing for advisers would mean the introduction of missionaries and the building of churches. I have always told them that missionaries would not be forced on them, and I have further said that these States were recognized as Muslim Arab States and that, as a member of an Arab Muslim Government, I felt it my duty to support the State religion. Personally, although I cannot claim any particular orthodoxy in religion, I find inspiration for my work in the

9: Ingrams G-4 (1936-1944) 1945 MM2 Hadhramaut MM2

behind it, and not the high mountains of the Yemen. Its height above the sea-level nowhere exceeds 6,000 feet and is generally not more than 3,500. It has therefore no regular rainfall.

Then, as regards treaties, while the W.A.P. has a total of about thirty-five chiefs in direct relation with His Majesty's Government, the E.A.P. has only seven, of which one, the Kathiri, is comparatively recent. The reason is that in the E.A.P. all that was required was to keep foreign powers off the coast. All the six original treaties with E.A.P. rulers were with coastal chiefs. Starting from the west, 'Irqa and Haura are only small villages. The two Wahidi Sultans come next, then the Qu'aiti, the largest of them all, whose state to-day covers some 50,000 square miles, and then the Mahra, which includes Socotra Island. While the W.A.P. is historically part of the Yemen, and has now a new and natural capital in Aden which supplies it with all its requirements, the E.A.P. is historically and geographically detached and has a local commercial capital in Mukalla, but looks to India, Singapore, and Java for its cultural and social contacts.

The Hadhramaut is historically and geographically a country in itself, and consists of the Wahidi Sultanates, with the two little Sheikhdoms of 'Irqa and Haura, which are really ports in the country of the Dhiyeibi tribe, who are a Wahidi tribe, and the Qu'aiti and Kathiri States. I propose not to say anything more of the Mahra country because as yet little is known about it, though in the last year or two more has been learnt of Socotra.

You will have gathered, I think, that, owing to its desert nature and lack of rainfall, the prospects of the development of agriculture in the Hadhramaut are not very promising, and as the various explorations that have taken place to date have not discovered any mineral resources, it does not look as though the economic future is very bright. The best agricultural areas are Gheil Ba Wazir, on the coast, where Hamumi tobacco is very successfully grown, and this brings in a revenue of about Rs. 200,000 a year to the state, and Meifa, in which conditions have been considerably improved in the last few years and where some further development is possible. It was hoped that the alluvial silt of the Wadi Hadhramaut would prove a fertile area for wide development if water could be found, but experiment has shown that it is largely brackish and, bearing in mind the desert surroundings, it is probable that any further supplies of water which boring might discover would not be sufficient to wash out the salt. It is unfortunate, too, that the bulk of the population, the seiyids and tribesmen, do not take to working on the land themselves, as do the tribesmen of the W.A.P., but rely on dhafa, a class of poor townsmen who are almost in the position of serfs. These dhafa lived by building the palaces of the rich and working their wells, but the fall of Singapore and Java cut off the supplies of money from the Far East so that the rich could no longer maintain them. The beduin had lived by carrying supplies from the coast to the interior, but with the falling off of imports they too suffered. On top of this catastrophe there was a seven-year drought from 1937 to 1944, which meant the loss of crops, flocks, and 50 per cent. of the working camels, so that between the difficulties of

9: Ingrams G-4 (1934-1944) 1945 MM2 Hadhramaut MM2

731 getting food from abroad in war-time, the loss of money from the Far East, and the drought, famine ensued. I am thankful to say that owing to the generous help of His Majesty's Government and to the breaking of the drought, conditions are now much better, but from the point of view of this survey the thing to be remembered is that in all probability the produce of the country cannot sustain much more than a quarter of the population and that it is very largely dependent on money from abroad. Of old, the ancient Hadhramaut lived on the incense trade, so that the Mediterranean countries provided the cash. When the incense went by sea the Hadhramis learnt to emigrate, and the present Hadhramaut has drawn its cash from the Far East, East Africa, Egypt, the Sudan, Abyssinia [67] —the countries to which the people migrate. One out of every three or four Hadhramis lives and works abroad. Emigration or means to earn money abroad is an absolute essential to the Hadhramaut, and there are grounds for fearing it is not going to be so easy in the future as it has been in the past.

So much for the gloomier side of the picture. In 1938 I described to the Royal Central Asian Society how a three-year peace embracing the whole of the Hadhramaut had been made and how the organization of government had started. To my mind the brightest thing about the Hadhramaut is the way the Government of the Qu'aiti State has advanced and developed social services, and, serious as the famine was, principally in part of the Inner Hadhramaut, out of it has grown a number of educational and medical developments which would probably not have matured if there had been no famine. The State Government had so far advanced by the time it came, that it was able to cope with difficulties and there developed a real spirit of service. It could not have managed on its own resources if His Majesty's Government had not helped so generously, but what the state could do in a financial way it did and the service its officials gave could not have been provided without it.

652 At the time when reorganization of the Government[1] started about 178 seven years ago the revenue was about Rs. 6,30,000, of which Rs. 3,10,000 were spent on Government services; Rs. 2,25,000 of that went to irregular soldiers and to slaves. This year the revenue is estimated at just under Rs. 15,00,000. On April 1, 1939, there was a general deficit of Rs. 40,000, because the late Sultan used to take all the cash he could to India. On April 1, 1944, there was a credit balance of Rs. 14,00,000. In this year the Government is preparing to spend Rs. 16,00,000, of which Rs. 4,00,000 goes to the maintenance of security forces. There are forts, with soldiers or gendarmerie, and garrison towns all round the country, so that security is very greatly improved. The Budget also includes, under various heads, about Rs. 300,000 for relief work direct and indirect. The amount paid on education has risen from Rs. 6,000 in 1934 to Rs. 154,000 in 1944. Only Rs. 5,550 was spent on medical work in 1934; in 1944 the sum was Rs. 74,000 for medical and sanitary services.

641 It seems to me that these figures indicate, more clearly than anything 178 else can, progress and the will to progress. I cannot give many details of new developments, but I will mention some of them quite briefly. One of the most striking things is the growth of reciprocal confidence between

[1] [of the Qu'aiti State -- Analyst]

18 Ingrams G-3 (1934-36)1938 MM2 Hadhramaut MM2

in which tribesmen will not willingly engage, and as they are so conservative it will be long before they forsake their ancient occupation (or lack of occupation) and adjust themselves to fresh possibilities.

In the Hadhramaut however if the main producing area is to be the main wadi system, there is there a population which is already largely agriculturally minded. Shibam is chiefly a commercial centre, the principal market of the interior, but outside Shibam and throughout the other towns of the wadi the atmosphere is rural and people are largely land owners or workers on the land. In addition the tribes have become settled and it is interesting to note that most of them have settled in *badu* sections. Those tribes living in the great wadi are settled, but they have relations in the barren areas who are Badawin. If it becomes possible not only to make the country more self-supporting as regards its own food supplies, but also to produce something for export, it will benefit not only the growers but also the Badawin living between the coast and the wadi, for at present they have to take their camels back to the coast unloaded, since the Hadhramaut only consumes. Recently we forwarded samples of cotton and castor oil seed, which grow practically wild in the Hadhramaut without irrigation, to the Imperial Institute for examination and the reports were most favourable. This is not to say, of course, that their cultivation can be profitably undertaken without much further investigation and some experiments, but they are two possible lines of development, and now that an Agricultural Officer is being appointed new crops for systematic cultivation may be found. Water is of course the chief need, but that also we hope to investigate and there is every indication that there should be plenty of it in the areas most fit for agricultural development.

Mukalla is the political and commercial capital of the whole country. Here the Qu'aiti Sultan lives, and it is the headquarters of the Mukalla Government, and my own headquarters as Resident Adviser to His Highness and as the officer responsible to the Governor of the Aden Protectorate for political relations with the five easternmost Sultanates of the Protectorate. Mukalla is the one place that most of the several hundreds of visitors have seen. It is the most important port on the south coast of Arabia between Aden and Muscat, but somehow does not yet seem to have left the category of places which travellers take for granted, perhaps because until my wife and I took up our abode there had never been permanent European residents. In the last few months the European residents have risen to six, and though the place looks very much the same to us as it has always done, visitors say it is changing. A ship's captain who landed a short time ago asked in the bazaar how it was that port facilities had improved and how it was that the town looked cleaner. I believe the most enduring memory of Mukalla to people who have landed has been the stupendous fly population and the smells of dried fish and other even less pleasant substances. I would not go so far as to say that the flies and the smells have disappeared, but a recently trained local sanitary inspector with a corps of sweepers and sanitary dustbins have made some difference.

The climate of Mukalla is on the whole pleasant enough, and with the gradual cleaning up of the town healthy enough. Steps are now being taken to cope with the mosquito nuisance, for last year was a particularly bad

18:Ingrams G-3 (1934-36)1938 MM2 Hadhramaut MM2

epidemic of malaria, the sequel to the heaviest rains the country had had, according to the old inhabitants, for twenty-two years. It was astonishing to see after a few hours of heavy rain how much damage had been done, for rocks and debris were washed down from the cliff behind the town and the main bazaar street cut across in many places by torrents.

Like every seaport Mukalla is thoroughly cosmopolitan and you find in its bazaars representatives of Arabs from all the coastal parts of South Arabia and the Red Sea and Persian Gulf, as well as Somalis and other Africans. One curious strain of not infrequent visitors are long-bearded Mongolian pilgrims who flourish incomprehensible Chinese passports at me and, speaking no Arabic or other language which can be understood locally, apparently desire onward travel facilities. There are quite a number of Indian visitors and residents too, including Banian shopkeepers, and in the upper layer of Mukalla society the various races, Indian and Arab, mix quite happily. We all attend each other's parties and the Government servants of Mukalla have started a very good club. Amongst the various festive occasions of the last year or so none was greater of course than the Coronation celebrations. The streets and house-tops were gay with flags and I can remember no more beautiful sight than the illuminations at night. The Palace, the Residency, the Government offices and the principal mosques were outlined in coloured lights, and I should think Mukalla that night burnt almost as much incense as Pliny complains of Nero burning at the funeral of Poppaea. Almost every house that had not coloured lights heaped incense in piles along its roof parapets and the coloured lights and the flaming incense were wonderfully reflected on the waters of the harbour, while clouds of smoke filled the streets with a sweet-scented fog and completely obliterated the smell of the fish. Now of course Mukalla is every night reflected in the water, for electric light has been introduced and the greenish glow of the new street lights is visible far away. At the Sultan's request steps are being taken to reorganize and train his forces and to raise and train forces for the Kathiri Sultan, and thanks to Captain Hopkins who has been in Mukalla for nearly six months the standard is already much higher than formerly.

After four until sunset Mukalla walks abroad, sitting either in the cafés on the water front or wandering out through the western gate and sitting in groups above the camel park and the road which leads to the interior. This is the familiar road which has been trodden and described by most of the older generation of travellers, but I suppose that few Europeans in future are likely to follow it on camel or donkey as we did on our first visit three years ago, for I hope it will not be long before the new motor road is finished. The 20 miles or so which are now completed are really a remarkable achievement, for the road is a mountain road, skilfully built up with stone along the hill-sides and well above the torrent beds. The line was followed and mapped by Captain L. G. Beach, R.E., who in a short visit also fixed the latitude and longitude of Shibam and Tarim, but there has been no expert supervision and the builders, all men from Mukalla, have shown themselves extraordinarily skilful.

Nowadays most travellers for the interior go by car, either along the beach to Shihr or, if the beach is not open, along the inland road which

3 Royal Institute of International Affairs U-4 (no date) 1954 M1 Middle East
Hadhramaut MM2

Sultan formerly held the hereditary appointment of Zamindar of the Nizam of Hyderabad's Army Levy, which recruited largely from Quaiti territory. Mukalla town has even achieved a 'Nationalist Party', which fomented a serious riot in December 1950.[1] Farther east lies the large Mahri Sultanate of Qishn and of Socotra Island (pop. about 8,000); the resident adviser strongly urged the Sultan in 1950 to spend more time in his mainland territory instead of leaving it to a younger branch of his family, while the Sultan lived on Socotra.[2] The most important ruler in Wadi Hadramaut is the Kathiri Sultan of Sayun, who has his own armed constabulary. A number of lesser chiefs have for local security purposes their own tribal guards, whose maintenance is partly financed by the British Government. In addition, the Aden Government established in 1937 a force of Government Guards in the Western Protectorate, and three years later in the Eastern Protectorate the Hadrami Bedouin Legion, which was modelled on the Arab Legion of what has since become the Kingdom of Jordan.[3]

The assistance of a British Director of Agriculture and his staff is available to those rulers who desire it, and financial help has been forthcoming since 1947 under the Colonial Development and Welfare Act. It was proposed to expend £410,000 in 1951–2 (including £82,000 for agriculture); only £23,000 of this would come from local revenue, the remainder to be provided by the British Government.[4] Drought caused a serious famine in the Hadramaut in 1943 and another less serious one in 1948–9. The region's economy was formerly helped to a considerable extent by remittances from Hadrami emigrants who had prospered in the farther East, but political changes in Indonesia and in the Hyderabad state of India have adversely affected this traffic, and the British authorities have had recourse to a large-scale scheme of irrigation by diesel-engined pumps. In the Western Protectorate the development of irrigated agriculture on over 100,000 acres at Abyan (40 miles north-east of Aden Colony) was begun with help from Colonial Development and Welfare funds in 1947 and was becoming self-supporting by 1952. It is a partnership on the Sudan model between the tenants, who receive half the returns, the landowners (the local states or private landlords), and the board of management, who divide the other half. Long-staple cotton of the Egyptian kind had become the main crop by

[1] GB, Colonial Office, *Report on Aden for the years 1949 and 1950*, p. 60.
[2] Ibid. p. 61.
[3] See A. M. Clark Hutchison, 'The Hadhrami Bedouin Legion', *Journal of the Royal Central Asian Society*, January 1950, pp. 62–5.
[4] See above, p. 112.

5 Gt. Brit. . Colonial Office G-3 (1947) 1949 MM1 Aden
Hadhramaut MM21

Liaison

In the first half of 1947 the post of Protectorate Education Officer was filled, a post which had been vacant for a year. This Officer's duties include tours of inspection throughout the Protectorate, and advice and assistance, through the British Agents, where required.

In the Eastern Aden Protectorate advance was somewhat hampered by the absence of the Sudani Adviser for the greater part of the year on leave. However, estimates for grants under the Colonial Development and Welfare Act were prepared and despatched; these include schemes for enlarging the Intermediate School at Gheil Ba Wazir and for primary schools for the Kathiri State and Wahidi area. A number of scholarships for Hadhramis were given by the Governments of Syria, Egypt and Iraq.

HEALTH

Medical Report for the Western Aden Protectorate

His Majesty's Government finance a small medical service in the Western Aden Protectorate. The area covered is large, communications are poor and access to many parts is difficult. In consequence only a small proportion of the population, who are in great need of health services, can be visited and treated. Nevertheless, 16 dispensaries are maintained at strategic points in the Protectorate. New dressers are given instruction in hygiene and elementary medicine and nursing care, and are then sent out to open up new areas or to work with more senior dressers in the established dispensaries. They have to deal with diseases common to all races. Certain tropical diseases such as schistosomiasis and dysentery are very prevalent.

Drought and the vagaries of the climate also play their part in undermining the health of the inhabitants. The third year of drought in Sublihi country undoubtedly had an effect on the prevalence of tuberculosis, dental caries and vitamin deficiency diseases in that area.

Apart from the dispensaries in the Protectorate, the Keith Falconer Mission Hospital in Sheik Othman which trains the dispensers also welcomes up-country patients. More would come than do at present if ignorance and superstition did not prevail in the Protectorate. Again, for many the road to the hospital is physically difficult and it is certain that they come only as a last resort and after long deliberation. In consequence doctors do all they can to visit the dispensaries as frequently as possible and to spend adequate time at each one to treat the sick, and to give instructions to dressers to keep them up to date.

Famine Relief

During 1947 the situation in the Hadhramaut continued to improve. At the beginning of the year there were 1,112 persons being fed in the kitchens, which were closed by the end of March, leaving only Maljs—a relief centre for those incapable of work—whose 916 inmates in March were gradually reduced to 227 in December. Nuqer dam, the major famine relief work undertaken, was finished in June. Remittances

6:Gt. Brit., Colonial Office G-3 (1948) 1950 MM1 Aden
Hadhramaut MM2

(B) EXPORTS

No.	Commodity	No. of packages	Quantity	Value Rs.
1.	Tobacco, native	13,236 bdls.	16,858 cwt.	8,93,650
2.	Honey in comb	—	5,200 lb.	5,600
3.	„ cleaned	—	1,020 „	2,550
4.	Dates, country	—	900 „	220
5.	Lime	3,879 bags	4,000 cwt.	15,500
6.	Sheep and Goats' skins, tanned	—	10 scores	1,000
7.	Dried lemons	229 bdls.	581 cwt.	33,000
8.	Fish oil	17,049 tins	68,195 gln.	1,27,860
9.	Miscellaneous	—	—	2,93,380
			TOTAL	13,82,760

Chapter 7: Agriculture and Fisheries

AGRICULTURE

In 1948 farming conditions were generally poor in the Aden Protectorate. Conditions of 1947 were reversed in the areas west of the Bana river, which had a poor 1947 season, received fair rainfall and flood conditions, while east of the Bana erratic and poor rainfall over large areas reduced food production to a low level. This was particularly true of the Hadhramaut and other eastern districts where complete drought returned to the country, causing famine conditions to reappear at the end of the year. The shortage of food was accentuated in those areas where the economy of the country is largely dependent on remittances from abroad. Famine appeared particularly in the Wadi Amd and in Rakhya, where food production is not secured by any irrigation from underground supplies, but is dependent entirely on rain and runoff control. These districts are also partly dependent on remittances from Hyderabad and became particularly affected when India invaded Hyderabad, and currency decrees in Hyderabad cut off the flow of remittances. The scarcity of food was further aggravated by the ban on exports of grain from the Yemen.

Staff

The technical staff of the Department of Agriculture consists of a Director, two Agricultural Officers (to be increased to four), an Agricultural Assistant and six Agricultural Instructors.

The Abyan Development Scheme has the part-time services of an Irrigation Adviser.

Rainfall Crop and Livestock Conditions

In the districts west of the Bana river *saif* rains were fair, particularly in the highland areas. East of the Bana river *saif* conditions were poor in many districts, but in Beihan conditions were good and the Wadi ran no less than eleven floods. Most of this water was from the runoff of

6:Gt. Brit., Colonial Office G-3 (1948) 1950 MM1 Aden
Hadhramaut MM2.

the north-east Yemen Plateau, but local rain was sufficient and caused damage to the wheat and barley crops when at the harvest stage.

In the districts west of the Bana *kharif* conditions in Lahej and Subeihi country were good, but in the highland districts rainfall was insufficient for crop production over most of the year. In Abyan which is watered by the Bana and the Hassan rivers where they enter the coastal plain, a weak flood season was experienced, but this resulted in effective flood control, and on the balance, in satisfactory crops. East of the Bana and the Abyan district, conditions in the *kharif* were bad. Lack of rain in most districts reduced crop production based on rain and flood irrigation system to nothing. Fodder supplies needed for sustaining the animals working the water lifts in permanently irrigated areas were reduced, and lowered production from what should normally be a reliable source.

Livestock suffered and were reduced in numbers as a result of poor flood conditions caused by insufficient rain. A secondary factor which seriously affected camel owners and transporters in the Eastern Protectorate was a dearth of the sardines which are usually caught in great quantities on the Hadhramaut coast and used in a dry state as fodder for livestock.

Crop Production

	Acres	*Tons*
Western Aden Protectorate		
Millet—sorghum	40,000	8,000
Bulrush millet and other small millets	7,500	1,125
Wheat	1,500	750
Barley	4,500	3,000
Sesame	5,500	550
Eastern Aden Protectorate		
Millet—sorghum	5,000	1,700
Bulrush millet and other small millets	1,000	200
Wheat and barley	3,500	2,500
Date palms	10,000	4,500

Pests and Diseases

No report of locust activity was received during the year.

Rust is probably the most important plant disease in the Aden Protectorate. In 1948, little damage was recorded from this disease.

Animal Health

No rinderpest was recorded during the year. Goat virus was imported from Kenya and used for the immunisation of cattle in Abyan. Horse-sickness vaccine was used in Beihan, Abyan and Lahej.

	Western Aden Protectorate	*Eastern Aden Protectorate*
Camels	30,000	45,000
Cattle	50,000	8,000
Goats	100,000	320,000
Sheep	10,000	50,000

7: Gt. Brit., Colonial Office G-3 (1949-50) 1951 MM1 Aden
Hadhramaut MM2

712 *Northern Area.* In 1950 the desert posts were completed at Minwakh, Zimakh and Al Hajr, thus linking up the northern fort system with Al Abr and Asakir, and controlling all the important water points in the area. Since the establishment of these forts there has been no raiding at all in this area, or by tribes of this area upon other tribes.

631 *Eastern Areas.* After the settlement with the Menahil in 1948 this area remained quiet, and the Mukalla Regular Army fort at Som is now accepted by the tribes of the area. Recently the Naib of Shibam met the Muqaddam of the Menahil at Elinat. This went far to heal the breach between them and Government dating from 1947 when the tribe rose and attacked Government posts.

648 *Mahra—Socotra.* The Resident Adviser paid two visits to Socotra during 1949-50, one by sea and the other by air. Among subjects discussed with the Sultan were reports of famine conditions on the Island. The Resident Adviser strongly urged the Sultan to spend more time on the mainland, and agreed to arrange a meeting later in 1951 between the Qu'aiti and the Mahra to settle a frontier dispute at Museina. The Fisheries Officer visited the Mahra coast to study fishing conditions there.

General

731 As a result of the famine in 1949, there has been a notable decrease in the numbers of camels and goats, and as a result of delayed rains in Socotra the people there have suffered a similar loss. However, 1950 was a good year for the beduin, and more young camels are to be seen load-carrying now.

691 One of the chief complaints by the Bedu has been the delay caused by magistrates when judging Bedu cases. This matter has been investigated and is being put right.

664 619 Very recently a number of chiefs from the western tribes held a meeting and put in a joint petition to Government. The three points of the petition were (*a*) a complaint against the arms-carrying ban in Wadi Du'an ; (*b*) a complaint against truck owners carrying loads which are forbidden by Government's agreement with the Bedu ; and (*c*) a request for some of their old customs to be recognised. But so firmly is the peace now established that troublesome elements who attempted to support these demands by force were overruled by the majority. The Government is taking suitable action in this matter.

648 On 25th August, 1949, Colonel J. E. H. Boustead, D.S.O., O.B.E., M.C., assumed the appointment of British Agent, Eastern Aden Protectorate, and Resident Adviser to the Hadhramaut States and to the Wahidi State of Balhaf.

000 A table of Colonial Development and Welfare Schemes is given on p. 6.

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to make it one of the most favourable for many years. The rains of November and December were judged to have been the heaviest seen for thirty years.

Unfortunately the cultivator was in many areas, particularly the eastern districts, unable to make full use of these favourable conditions. This was the result of the bad season of 1948 which had caused famine in the Wadis 'Amd and Rakhya of the Hadhramaut, and continued to cause famine for the first four months of 1949. Famine relief and rehabilitation measures were largely responsible for getting farmers in these western Hadhramaut districts back to work, and by the end of the year there was little indication that a famine had existed in the early months of the year. In the Hadramaut important famine relief and famine prevention measures were adopted ; of outstanding importance was the introduction of a pump scheme financed by the States, and by the end of the year considerable progress had been made with this scheme. Conditions were severe in the 'Aulaqi districts of the Western Protectorate, but other districts, notably Abyan, had surplus grain stocks, and the districts which were short were able to draw on these supplies and move them, mainly by camel transport, to where needed.

The year 1949 saw great expansion in the Abyan scheme ; offices and staff buildings were built, supplies were accumulated, and important irrigation work was extended, particularly in the region of the Wadi Hassan. The year saw the emergence of Abyan as a successful producer of long staple cotton, and the harvest from some 82 acres (which averaged 1,750 lb. of seed cotton to the acre) was ginned on a roller gin in Abyan, pressed on a hand press in Aden, and exported to Liverpool for sale to the Raw Cotton Commission. Planting for the 1949–50 crop was extended to over 1,000 acres.

Rainfall, Crop and Livestock Conditions

Saif Rains Season. An abundant Saif rain was received in almost all districts of the Protectorate in 1949. In parts of the Eastern Protectorate the rains came late, but were heavy ; and in the Hadhramaut considerable destruction was caused to irrigation works from the resulting floods. The great Nuqra Dam, which had stood successfully for the previous two flood seasons, received the full weight of the combined floods of the Wadi 'Idim and Wadi Ser and was breached owing to a blow-up of the apron caused by excessive up-stream pressure.

The Saif rains were badly needed. They gave the cultivator, hard pressed through the previous bad season, a chance to grow grain and fodder crops with which to build up his condition in readiness for cultivation in the Kharif season.

Kharif Rains Season. Rain followed close on the finish of the Saif, and in almost all districts the rainfall was sufficient for the needs of the cultivator. In November, 1949, the Protectorate was blessed with that rare visitation, a general winter rainfall, which fell with exceptional heaviness, particularly in the north-eastern areas from Beihan across

7: Gt. Brit., Colonial Office G-3 (1949-50) 1951 MM1 Aden
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to the Hadhramaut. This winter rainfall enormously improved the range conditions over the mountain areas of the Protectorate and produced exceptionally good pasturage for the desert tribes in the north-east. 132

Large acreages of winter cereals and fodder crops were grown. The year finished with the whole of the Protectorate in good condition. 241

Livestock started the year in many areas in a starved condition, and in the east with their numbers greatly reduced. At the end of 1949 their condition was restored, but numbers, particularly of small stock, were low. 231

Plant Pests and Diseases

As a result of the favourable rains and the continuance of sorghum cultivation through the Saif season, to the flood crop of the Kharif, and into the lift irrigated crops planted in autumn, 1949, there was a serious increase in the stalk borer population, and an estimated loss of up to 50 per cent of the crop resulted in the Hadhramaut lift irrigated areas. 731 242

Animal Health

No outbreak of rinderpest or other serious animal disease was recorded during 1949. 731

Market Conditions

With the devaluation of the pound the value of the Maria Theresa dollar rose nearly 30 per cent in relation to rupee currency. Produce prices remained high until autumn, 1949, when a sharp drop occurred in many districts following the good harvests. Sorghum grain on the Aden market averaged about £35 per ton throughout 1949. 435 455

Demonstration and Experiment

A field trial with X1730A cotton grown from Abyan raised seed was very successful in 1949; some 1,750 lbs. of seed cotton per acre was obtained from scattered plots totalling 82 acres which had received one watering only before planting. The crop was planted in the months of September and October, and grew rapidly. In some fields plants reached a height of over 6 feet and carried an enormous crop. No important pests or diseases were seen. 242

The crop was classified by the Chief Classifier of the Sudan Plantation Syndicate, who was flown over for the purpose; he placed about half the crop in grades 3 and 4, and the balance in grades 5 and 6, basing his classification on Sudan Gezira standard for L type cottons. The graded crop was sold to the Raw Cotton Commission.

Varieties of cane, introduced in small quantities from Mauritius in the previous season, were cut in September, 1949, and planted out in observation plots.

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accounts section the position was particularly serious; but equally important was the lack of essential hydrological data on such matters as river discharges, the availability of suitable storage sites, studies on percolation and so on. Without such information progress must be delayed. 654

As mentioned earlier, the X1730A type of cotton planted on 82 acres in 1948, proved a great success. The crop was ginned and marketed by the Board, and arrangements with cultivators for the new season's planting resulted in an extension of the acreage to 1,097 acres. At the end of 1949 the crop showed great promise, and in many areas appeared even better than the previous year's crop. 248 242 654

Grain, oil-seed and fodder production was satisfactory, though grain yields were reduced in many areas through double-cropping the land with a sorghum fodder crop in the Saif season and then a grain crop in the Kharif.

A great deal of the land in Abyan which has been well irrigated for the past five years is now becoming heavily infested with weeds, mainly the weed grass *Desmostachya bipinnata*. The introduction of cotton as a cleaning crop and the "drying up" and resting with or without cultivation, of these heavily infested lands is now recognised as an urgent matter. In order to tackle the weed problem the Board increased its tractor strength by the purchase of three Fowler Diesel crawler tractors in the last quarter of 1949. 654 137 242

Another problem which came to notice towards the end of 1949 was the rapid rise in the height of the water table in certain areas. The area involved does not exceed 300 acres, but already in this area (where in places the water table has risen to within six feet of the surface) salts are appearing in the upper layers of the soil, and vegetation, particularly in the seedling stage, has been affected. It was noticed that cotton, once established, flourished and appeared exceedingly healthy on these salt-impregnated soils. 133 242

Anti-Famine Measures

In the first four-and-a-half months of 1949 until general rains fell over the Eastern Protectorate, famine again threatened human life in the Hadhramaut. Relief measures were introduced, as in the previous famine, but this time so promptly that practically no deaths from famine occurred. Again aircraft of the Royal Air Force came to the rescue and dropped grain supplies to the worst affected areas. Large quantities of grain were moved inland by motor transport and any camel transport that could be mustered; at the same time large numbers of the destitute, particularly women and children, were brought down or walked down to the coastal towns, where they were accommodated in refugee camps and fed. To employ labour on relief works an extensive programme of road construction, and irrigation repair works and new construction was undertaken. 731 [653]

When rain fell, it was again found necessary to issue loans to

7: Gt. Brit., Colonial Office G-3 (1949-50) 1951 MM1 Aden
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731 cultivators to get them back to their villages and re-establish them in time to sow their crops.

The famine of 1948–49 struck the western districts of Hadhramaut, where the situation was complicated by the dependence of these districts on rain and run-off water and flow irrigation from the wadis for crop production, and where large sections of the population relied on remittances from Hyderabad, which had been absorbed into the Indian Union, and from which transfers of currency had become difficult. Finally the repatriation of several thousand Southern Arabians, many of them from the tribes most seriously affected by the famine, brought further hardship.

Little could be done to improve agricultural conditions rapidly in these western areas of the Hadhramaut. It was therefore necessary to look to the lower areas of the main wadi where water is obtainable at easy levels, and farming can be secured by permanent irrigation.

Animal power for use on lift irrigation, and dependent on fodder crops cheaply produced only from the flood-irrigated areas, was now judged to have reached its maximum use. The Famine Relief Commissioner—in this case the Acting Resident Adviser—was advised that a large-scale pump scheme, using diesel-engined units, was the only measure which appeared to show promise of quick improvement in food production. The Commissioner and the States accepted this advice in detail and made important decisions in council which were framed to abolish all taxes on diesel engine and pumps for use on irrigation work, and on diesel oil (gas oil), and to purchase and supply cultivators with machinery for cash or for deferred payments.

731 489 The States further caused revision of an important agreement with Beduin tribes regarding the transport of fuel. In the past all trade goods, including petrol, kerosene oil, and lubricating oil, had been carried by camel caravans owned by Beduin tribes occupying the country between the coastal plain and the great wadis of the interior. With the opening of the road to the interior some fourteen years ago it was agreed that motor transport should carry only passengers and small quantities of personal luggage. In the present emergency the Beduin leaders were told of the need for motor transport to carry diesel oil for a famine relief scheme and were shown that the normal system of supplying diesel oil was in 44-gallon drums which have to be broken and repacked in drums of a size convenient for camel transport. The Beduins agreed to waive their rights, and so, for the first time in Hadhramaut history, a truly mechanised scheme, independent of the camel caravans—which are entirely dependent on fodder grazing and water supplies, which may fail in a drought—was evolved.

653 406 312 It was decided to spend up to £36,000 on a pump scheme. The Famine Relief Commission, acting on behalf of the States, arranged to purchase the machinery and to sell outright for cash or on a deferred payment system, in which case 25 per cent was added to the price for repayment over a four-year period. Speed was essential, and quotations and prices were examined for nearly every type of diesel-engined

63 Simmons et al G-8 (1941-1951) 1954
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is known of the mineral reserves of this region, and most of the local industries are small and primitive. Salt is the chief export of the Colony; tobacco, honey and fish products, of the Protectorates.

The port of Aden is visited regularly by ships from all parts of the world. Within the last few years, the Colony has also become a regional center for air services to Cairo and other cities in the Near East and East Africa. Communications between the Colony and the interior are mainly by roads and caravan trails, supplemented by a coastwise dhow trade. Camels and donkeys are the primary means of transport, but the use of motor vehicles is increasing along the main routes. Roads suitable for motor traffic link Aden Colony with certain population centers in Western Aden Protectorate, and Mukalla with the larger towns of the Hadhramaut and adjacent coastlands. Access to the interior is also provided by military air services.

[504]

Food and Nutrition

Aden Colony is a cosmopolitan community, in which a variety of food habits is found among the peoples of different racial and economic groups. With the exception of fish, milk and limited supplies of garden vegetables, all foodstuffs are imported. Undernutrition is prevalent among the poorer inhabitants, and particularly among the transient laborers from the interior.

Food supplies are never abundant in the Protectorate, where cultivation is restricted by the nature of the terrain and the scarcity of water in many areas. Anything which interferes with normal production, such as droughts or an invasion of locusts, may result in local food shortages, often approaching famine conditions. The Hadhramaut was seriously affected during the widespread drought in 1943, and children were evacuated from some of the famine areas to relief camps in Mukalla.

The average Arab diet is simple, while that of the pastoral tribes is almost invari-

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